

Converting Colors

$Y_{xy}(88.7549, 0.3172, 0.3324)$

Have a look what the booklet for
Yxy(88.7549, 0.3172, 0.3324)
contains.

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Color

Yxy(88.4961, 0.3172, 0.3320)

Conversions

Conversions Part 1

Format	Color
Hex	F5F1EE
RGB	245, 241, 238
RGB Percent	96%, 95%, 93%
CMY	0.0391, 0.0549, 0.0667
CMYK	0.00, 0.02, 0.03, 0.04
HSL	26°, 26%, 95%
HSV	26°, 3%, 96%
XYZ	84.5511, 88.4961, 93.5073
YIQ	241.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

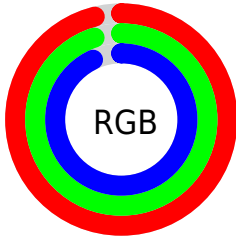
Format	Color
R _Y B	245, 243, 238
Decimal	16118254
CIE Lab	95.37, 0.83, 1.91
CIE LCh	95, 2.085, 66.479
Yxy	88.4961, 0.3172, 0.3320
Android (android.graphics.Color)	4294308334 (0xFF5F1EE)
YUV	241.8540, -1.9000, 2.7590
Hunter-Lab	94.0724, -4.1930, 6.9168

Details

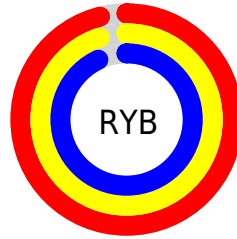
The Yxy color **88.4961, 0.3172, 0.3320** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.2915, 0.3083, 0.3260**, and the grayscale version is **88.6903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8941, 0.3184, 0.3328** is the 20% darker color. If you saturate the color by 10%, you get **79.1590, 0.3344, 0.3429**, and if you desaturate by 10%, it is **98.1583, 0.3066, 0.3290**.

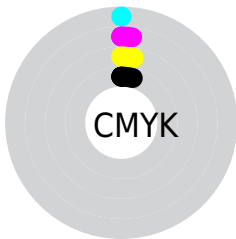
Distribution



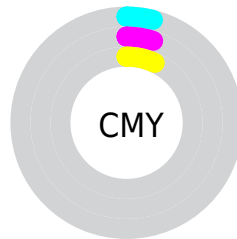
- Red (96%)
- Green (95%)
- Blue (93%)



- Red (96%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (4%)





- Cyan (4%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.4961, 0.3172, 0.3320 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 88.4961, 0.3172, 0.3320 by changing the saturation by 10% instead.

 88.4961, 0.3172,
0.3320

 88.4961, 0.3172,
0.3320


523.1265, 0.3152,
0.3307

 66.7340, 0.3176,
0.3323


145.2476, 0.3165,
0.3315

 48.8685, 0.3182,
0.3326


181.0059, 0.3162,
0.3314

 34.5152, 0.3189,
0.3331


222.1983, 0.3160,
0.3312

 23.2896, 0.3197,
0.3337

269.2092, 0.3158,
0.3311

 14.8075, 0.3209,
0.3344

322.4231, 0.3156,
0.3310

 8.6844, 0.3224,
0.3355

382.2244, 0.3155,

 4.5359, 0.3248,

0.3309

0.3370

448.9974, 0.3153,
0.3308

■ 1.9776, 0.3287,
0.3395

■ 0.5944, 0.3457,
0.3511

■ 88.4961, 0.3172,
0.3320

■ 88.4961, 0.3172,
0.3320

■ 79.1590, 0.3344,
0.3429

■ 98.1583, 0.3066,
0.3290

■ 70.6330, 0.3543,
0.3544

■ 62.8986, 0.3772,
0.3662

■ 55.9314, 0.4032,
0.3777

■ 49.7056, 0.4319,
0.3882

■ 44.1934, 0.4626,
0.3965

■ 39.3653, 0.4939,
0.4014

■ 35.1888, 0.5236,
0.4015

■ 31.6274, 0.5494,
0.3962

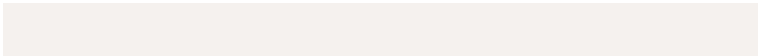
Harmonies

Analogous

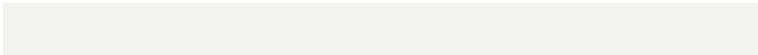
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.4961, 0.3172, 0.3302



88.4961, 0.3172, 0.3320



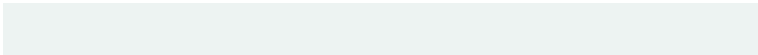
88.4961, 0.3160, 0.3330

Triad

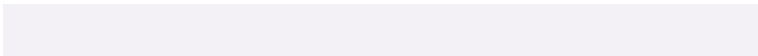
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4961, 0.3172, 0.3320



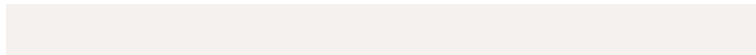
88.4961, 0.3095, 0.3299



88.4961, 0.3115, 0.3252

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



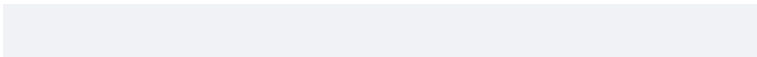
88.4961, 0.3172, 0.3320



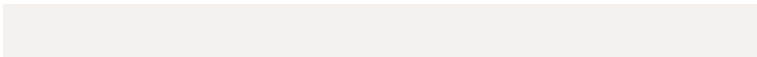
88.2915, 0.3083, 0.3260

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.4961, 0.3094, 0.3251



88.4961, 0.3172, 0.3320



88.4961, 0.3083, 0.3278

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



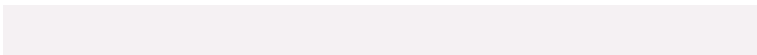
88.4961, 0.3172, 0.3320



88.4961, 0.3116, 0.3318



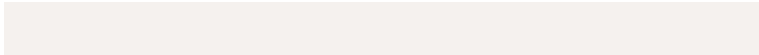
88.4961, 0.3083, 0.3260



88.4961, 0.3138, 0.3263

Rectangle

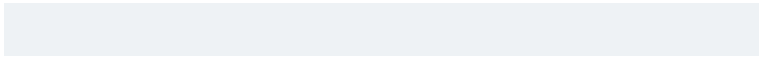
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



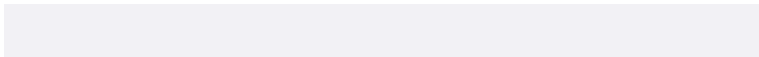
88.4961, 0.3172, 0.3320



88.4961, 0.3147, 0.3331



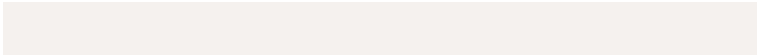
88.4961, 0.3083, 0.3260



88.4961, 0.3107, 0.3250

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



88.4999, 0.3172, 0.3320



98.9078, 0.3143, 0.3300



86.9801, 0.3148, 0.3249



21.1819, 0.3142, 0.3300



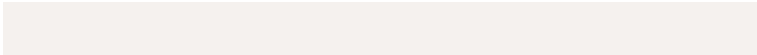
0.0000, 0.0000, 0.0000



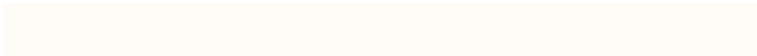
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.4999, 0.3172, 0.3320



96.7510, 0.3174, 0.3321



90.5609, 0.3170, 0.3354



18.7985, 0.3187, 0.3330



16.1143, 0.5621, 0.3919



1.6157, 0.5400, 0.4094

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



88.2915, 0.3083, 0.3260



96.5124, 0.3081, 0.3258



86.2576, 0.3084, 0.3225



18.7397, 0.3069, 0.3250



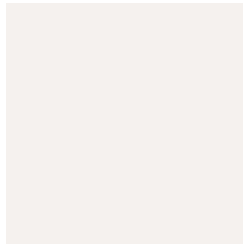
14.0055, 0.1841, 0.1828



1.4346, 0.1897, 0.2028

Previews

White Background



This preview shows how the Yxy color 88.4961, 0.3172, 0.3320 looks on a white background.

Color Contrast Check

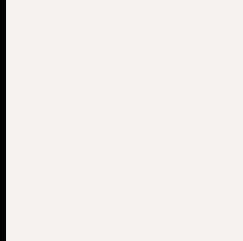
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 88.4961, 0.3172, 0.3320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

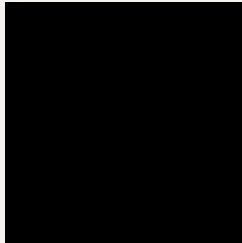
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

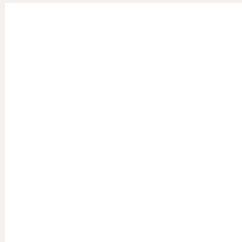
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.4961, 0.3172, 0.3320

Background



This preview shows how black text looks on a background with the Yxy color 88.4961, 0.3172, 0.3320.

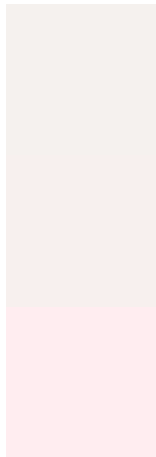


This preview shows how white text looks on a background with the Yxy color 88.4961, 0.3172, 0.3320.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

88.4961, 0.3172, 0.3320

Protanopia

88.2674, 0.3186, 0.3310

Deuteranopia

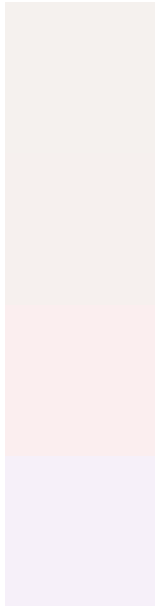
88.1196, 0.3229, 0.3261



Tritanopia

88.7272, 0.3082, 0.3134

Trichromacy



Original Color

88.4961, 0.3172, 0.3320

Protanomaly

88.0861, 0.3179, 0.3310

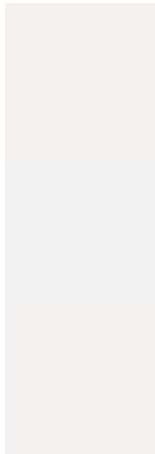
Deuteranomaly

87.8903, 0.3208, 0.3280

Tritanomaly

88.7526, 0.3112, 0.3201

Monochromacy



Original Color

88.4961, 0.3172, 0.3320

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

88.9098, 0.3140, 0.3300

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.4961, 0.3172, 0.3320 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(245, 241, 238)` looks like.

```
.text, #text, p{  
    color:rgb(245, 241, 238)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(245, 241, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 241, 238) }
```

Border

The CSS property to change the border of an element to Yxy 88.4961, 0.3172, 0.3320 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(245, 241, 238) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(245, 241, 238) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(245, 241, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 241, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 241, 238);  
box-shadow:4px 4px 4px 4px rgb(245, 241,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 88.4961, 0.3172, 0.3320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 241, 238) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(245,  
241, 238) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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